Since of	nn 481 - Carelar Annual Reporting Data Collection Form	REDAC	TED-AVA	ATT LEOR RUBLIC BY	ECTION
<010>	Study Area Code	290559			_
<015>	Study Area Name	CONCORD TEL EXCHANGE		Received & Inspected	
<020>	Program Year	2016		Kereira	
<030>	Contact Name: Person USAC should contact with questions about this data	Bruce Schiefelbein		JUN 26 2015	- 1
<035>	Contact Telephone Number: Number of the person identified in data line <030>	6086645455 ext.		FCC Mail Room	_ i
<039>	Contact Email Address: Email of the person identified in data line <030>	bruce.schiefelbein@t	dstelecom.com		_
2000	e are worming eithe Ate CARbucas.			(check box when complete)	
<100>	Service Quality Improvement Reporting		(complete attached workshe	/ 2000	
<200> <210>	Outage Reporting (voice)	outages to report	(complete attached workshe	eet)	5
<300>	Unfulfilled Service Requests (voice)				
<310>	Detail on Attempts (voice)			(attach descriptive document)	2
<320>	Unfulfilled Service Requests (broadband)				
<330>	Detail on Attempts (broadband)			(attach descriptive document)	<u> </u>
<400>	Number of Complaints per 1,000 customers (voice)				
<410>	Fixed			1 1	T
<420> <430>	Mobile Number of Complaints per 1,000 customers (broadb	pand)		/ 2000/000	
<440>	Fixed			1 111	200
<450> <500>	Mobile Service Quality Standards & Consumer Protection Rt 290559tn510.pdf	ules Compliance	(check to indicate certificat	ion) ✓ ✓	
<510>	270557613201,pd2		(attached descriptive doo	cument)	
<600>	Functionality in Emergency Situations		(check to indicate certificat	ion) 🗸 🗸	
	290559tn610.pdf				7
<610>			(attached descriptive docum	enty	_
<700>	Company Price Offerings (voice)		(complete attached worksh	eeti /	<u> </u>
<710>	Company Price Offerings (broadband)		(complete attached worksh		Ť
	Operating Companies and Affiliates		(complete attached worksh	eet)	
	Tribal Land Offerings (Y/N)? Voice Services Rate Comparability Certification	(If ye	s, complete attached worksh	eet) /	
<1010>			(attach descriptive docume	ent)	8
<1100>	Certify whether terrestrial backhaul options exist (Y	es or No) 💿 🔘	(if not, check to indicate co	ertification)	5
<1110>	Torms and Condition for Utilian Con		(complete attached worksh	16 16 16 16 16 16 16 16 16 16 16 16 16 1	S)
	Terms and Condition for Lifeline Customers Price Cap Carriers, Proceed to Price Cap Additional C	Ocumentation Worksh	(complete attached worksh	eet)	그
	Including Rate-of-Return Carriers affiliated with Pri	A Property Commence of the Com			_
<2000> <2005>			(check to indicate certificati	THE RESERVE TO SERVE THE PARTY OF THE PARTY	
	Rate of Return Carriers, Proceed to ROR Additional	Documentation Works	(complete attached workship) heet	etj	
<3000>			(check to indicate certificati		N ₆
<3005>			(complete attached workshe	ret)	

	rvice Quality Improvement Reporting llection Form		FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013	
<010>	Study Area Code	290559		
<015>	Study Area Name	CONCORD TEL EXCH	ANGE	
<020>	Program Year	2016		
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbe	ein	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.		18.70
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbe	ein@tdstelecom.com	
<110>	Has your company received its ETC certification from the FCC?	(yes / no	o) O O	
<111>	If your answer to Line <110> is yes, do you have an existing §54.202(a) "5 year plan" filed with the FCC?	(yes / no	0 0	
<112>	54.202(a) "5 year plan" on file with the FCC, as it relates to your provision of voice telephony service. Attach Five-Year Service Quality Improvement Plan or, in subsequent years, your annual progress report filed pursuant to 47 C.F.R. § 54.313(a)(1). If your of CETC which only receives frozen support, your progress report is only required to address voice telephony service.		0559tn112.pdf	
	Please select the appropriate responses below (Yes, No, Not Applicable) to confit that the attached document(s), on line 112, contains a progress report on its five service quality improvement plan pursuant to §54.202(a). The information shall be submitted at the wire center level or census block as appropriate.	-year		Name of Attached Document
<113>	Maps detailing progress towards meeting plan targets		Yes	
114>	Report how much universal service (USF) support was received		Yes	
:115>	How much (USF) was used to improve service quality and how support was used to impro	Yes		
116>	How much (USF) was used to improve service coverage and how support was used to imp		-	
117>	How much (USF) was used to improve service capacity and how support was used to impr	네보다 아이 아이는 아이 아이지 않다니다.	Yes	\dashv
<118>	Provide an explanation of network improvement targets not met in the prior calendar year.		Not Applicable	

(200) Service Outage Reporting (Voice)	FCC Form 481
Data Collection Form	OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013

<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

<a>	<b1></b1>	<b2></b2>	<b3></b3>	<b4></b4>	<c1></c1>	<c2></c2>	<d></d>	<e></e>	<f></f>	<g></g>	<h>></h>
NORS Reference Number	Outage Start Date	Outage Start Time	Outage End Date	Outage End Time	Number of Customers Affected	Total Number of Customers	911 Facilities Affected (Yes / No)	Service Outage Description (Check all that apply)	Did This Outage Affect Multiple Study Areas (Yes / No)	Service Outage Resolution	Preventative Procedures
		51 ** \$27 5 5									11111
						See attached					
					wo	rksheet					
										- 7-	

	Older System (Including States Made Course)	PCC Form 483 OND Controlled (DSD CERS/Cons Council No. 305040819
2.57.0		7gh 2013
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<701> <702>	Residential Local Service Charge Effective Date Single State-wide Residential Local Service Charge	

<703>

- ob	4925	KaSa	-60x	402	chile .	<645	exbsa.	409
State	Exchange (ILEC)	SAC (CETC)	Rate Type	Residential Local Service Rate	State Subscriber Line Charge	State Universal Service Fee	Mandatory Extended Area Service Charge	Total per line Rates and Fees
				0011100111110	State Substituti Sina Sina Su	otate outrained service rec	Service energe	Total par inte nates and 1 as
							15-111	
		-						
				See at	tached worksheet			-
			0					
	-							

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	\$6,2013
Study Area Code	290559
Study Area Name	CONCORD TEL EXCHANGE
Program Year	2016
Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein#tdstelecom.com
	Study Area Name Program Year Contact Name - Person USAC should contact regarding this data Contact Telephone Number - Number of person identified in data line <030>

<711>

tab	63	9.0	4/20	œ	Adix	ed2#	ed3s	7643
State	Exchange (ILEC)	Residential Rate	State Regulated Fees	Total Rate and Fees	Broadband Service - Download Speed (Mbps)	Broadband Service - Upload Speed (Mbps)	Usage Allowance (GB)	Usage Allowance Action Taken When Limit Reached (select
			1.00					
			See attac	hed				
			worksheet -					

		The Constant of the Constant o			CARE CONTROL 1 (45 376 CARE CANDIDANCE SOCIABRIS 1344 2013
<010>	Study Area Code		290559		
<015>	Study Area Name		CONCORD TEL E	XCHANGE	
<020>	Program Year		2016		
<030>		JSAC should contact regarding this data	Bruce Schiefe		
<035>		ber - Number of person identified in data line <030>	6086645455 ex	ct.	
<039>	Contact Email Address -	Email Address of person identified in data line <030>	bruce.schiefe	elbein@tdstelecom.com	
<810>	Reporting Carrier	CONCORD TELEPHONE			
<811>	Holding Company	Telephone and Data Systems, Inc.		· · · · · · · · · · · · · · · · · · ·	
<812>	Operating Company	CONCORD TELEPHONE			
<813>		TOD TO		4/2	
		Affiliates		SAC	Doing Business As Company or Brand Designation
			See atta	ched workshe	et
	,				
					Signal V - Waster to - V
-		11-72-1-74(1)			
	Sill Michiga				
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	The state of the s		- N-1-1/00		
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		ECCY (pray 481) OMB-CORDO No. 3060-7985/CMR Control No. 3060-0819 July 2013
<010>	Study Area Code	
<015>	Study Area Name	290559 CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <0	30> 6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <0	
<910>	Tribal Land(s) on which ETC Serves	
<920>	Tribal Government Engagement Obligation	Name of Attached Document
If your c	ompany serves Tribal lands, please select (Yes,No, NA) for each these boxes	
to confi	m the status described on the attached document(s), on line 920,	Calcat
	trates coordination with the Tribal government pursuant to B(a)(9) includes:	Select Yes or No or Not Applicable
<921>	Needs assessment and deployment planning with a focus on Tribal community anchor institutions.	
<922>	Feasibility and sustainability planning;	
<923>	Marketing services in a culturally sensitive manner;	
<924>	Compliance with Rights of way processes	
<925>	Compliance with Land Use permitting requirements	
<926>	Compliance with Facilities Siting rules	
<927>	Compliance with Environmental Review processes	
<928>	Compliance with Cultural Preservation review processes	
<929>	Compliance with Tribal Business and Licensing requirements.	

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A Comme		DATE CONFIGURE SOCIO DESCONDI POR SOCIO DEL SOCIO DEL CONTROL SOCIE DEL CONTROL SOCIO DEL CONTROL SOCIE DEL CONTROL SOCI
7.		Jety 2018
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<1120>	Please confirm whether terrestrial backhaul options exist within the supported area pursuant to § 54.313(g) (Yes, No).	
<1130>	Please select the appropriate response (Yes, No, Not Applicable) to confirm the reporting carrier offers broadband service of at least 1 Mbps downstream and 256 upstream within the supported area pursuant to § 54.313(g).	kbps

		FCC Form 481 OMB Control No. 3060/1966/Caust Control No. 3060/0819 July 2013
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<1210>	Terms & Conditions of Voice Telephony Lifeline Plans	290559tn1210.pdf
		Name of Attached Document
<1220>	Link to Public Website HTTP	
or the we	neck these boxes below to confirm that the attached document(s), on line 1210, bsite listed, on line 1220, contains the required information pursuant to (a)(2) annual reporting for ETCs receiving low-income support, carriers must report:	
<1221>	Information describing the terms and conditions of any voice telephony service plans offered to Lifeline subscribers,	
<1222>	Details on the number of minutes provided as part of the plan,	
<1223>	Additional charges for toll calls, and rates for each such plan.	

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	以外中央的	Ohra Garria Michigan (Michigan) (
	Anna al-Arman Commerca (III) (dadanan Prima City Local Escaringe Comerc	July 2013.
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schierelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	
		bruce.schlerelbeln@tdstelecom.com
ALCOHOLD SECTION AND ADDRESS OF THE PARTY OF		
Select the	e appropriate responses below (Yes, No, Not Applicable) to note compliance as	a recipient of Incremental Connect America Phase I support, frozen High Cost support, High Cost support to offset access charge reductions, an
Connect	America Phase II support as set forth in 47 CFR § 54.313(b),(c),(d),(e). The inforr	mation reported on this form and in the documents attached below is accurate.
	Incremental Connect America Phase I reporting	
<2010>	2nd Year Certification {47 CFR § 54.313(b)(1)i}	
<2011a>	3rd Year Certification {47 CFR § 54.313(b)(1)ii}	
+2011h-	Attack (47 CSD S F4 242/LV(4))))	
<2011b>	Attachment {47 CFR § 54.313(b)(1)ii}	
		Name of Attached Document(s) Listing Required Information
		Control of the Contro
	Price Cap Carrier Receiving Frozen Support Certification (47 CFR § 54.312(a))	
<2012>		
<2013>	1.1 1. 2 2. 2.21.11	
<2014>		
<2015>	2016 and future Frozen Support Calculation (47 CFR § 54.313(c)(4))	
	Price Cap Carrier Connect America ICC Support (47 CFR § 54.313(d))	
<2016>	아이 맛있어요. 어디에는 맛이 어느 아이를 가게 하는 그 사람들을 살아가면 되었다. 사람들은 살아 보고 바쁜 아니는 것이 아니라 가지 아니라 아니라 아니라 아니라 하다 하다.	
2020		
<2017>	Connect America Phase II Reporting (47 CFR § 54.313(e))	
<2018>	ord year broadband bervice certification	
<2019>	Still year broadband service certification	
<2020>		2021
\2020>	Please check the box to confirm that the attached document(s), on lir pursuant to § 54.313 (e)(3)(ii), as a recipient of CAF Phase II support s	18 2U21, Contains the required information
	addresses of community anchor institutions to which began providing	
	preceding calendar year.	
	AND THE PROPERTY OF THE PROPER	
<2021>	Interim Progress Community Anchor Institutions	
		· [
		Name of Attached Document(s) Listing Required Information
		Table of Atlanta Southerney Baring required

Asia /s	Company of the Compan	The second secon
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
CHECK to		t to 47 CFR § 54.202(a)) and, for privately held carriers, ensuring compliance with the financial reporting requirements set forth in 47 e information reported on this form and in the documents attached below is accurate.
		290559tn3010.pdf
(3010)	Progress Report on 5 Year Plan	
(3010)	Milestone Certification (47 CFR § 54.313(f)(1)(i))	
		Name of Attached Decument Listing Regulard Information
		Name of Attached Document Listing Required Information
	Please check this box to confirm that the attached document(s), on line 3t § 54.313 (f)(1)(ii), the carrier shall provide the number, names, and addre providing access to broadband service in the preceding calendar year.	
		290559tn3012.xlsx
		k 4
(3012)	Community Anchor Institutions (47 CFR § 54.313(f)(1)(ii))	(1
		Name of Attached Document Listing Required Information
(3013)	Is your company a Privately Held ROR Carrier (47 CFR § 54.313(f)(2))	(Yes/No)
	If yes, does your company file the RUS annual report	(Yes/No)
		-00
Please	check these boxes to confirm that the attached document(s), on line 3017	, contains the required information pursuant to § 54.313(f)(2) compliance requires:
(3015)	Electronic copy of their annual RUS reports (Operating Report for Telecommunications Borrowers)	
(3016)	Document(s) for Balance Sheet, Income Statement and Statement of Cas	sh Flows
(3017)	If the response is yes on line 3014, attach your company's RUS annual report and all required documentation	
		Name of Attached Document Listing Required Information
(2010)		\sim
(3018)	If the response is no on line 3014, is your company audited?	(Yes/No)
	If the response is yes on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § $54.313(f)(2)$, contains	
(3019)	Éither a copy of their audited financial statement; or (2) a financial report in a fo	
(3020)	Document(s) for Balance Sheet, Income Statement and Statement of Ca	ash Flows
(3021)	Management letter and audit opinion issued by the independent certified pu	blic accountant that performed the company's financial audit
	If the response is no on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313(f)(2), contains:	
(3022)	Commend their florested statement which have been a blank as a second	
(3022)	Copy of their financial statement which has been subject to review by an independent certified public accountant; or 2) a financial report in a	
	format comparable to RUS Operating Report for Telecommunications	
	Borrowers,	
(3022)	Underlying information subjected to a review by an independent certified	
(3023)	public accountant	
(3024)	Underlying information subjected to an officer certification.	 -
	Document(s) for Balance Sheet, Income Statement and Statement of Ca	sh Flows
V		
	I	l l
(3026)	Attach the worksheet listing required information	1
.=c.coc.#1.	A CONTRACTOR CONTRACTO	. I
	Ti and the state of the state o	i i
		Name of Attached Document Listing Required Information

	THE RESERVE AND A STREET OF STREET	and Title 2
010>	Study Area Code	290559
015>	Study Area Name	CONCORD TEL EXCHANGE
20>	Program Year	2016
030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
35>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
OF LANS.		

Financial Data Summary	
(3027) Revenue	
(3028) Operating Expenses	
(3029) Net Income	
(3030) Telephone Plant In Service(TPIS)	
(3031) Total Assets	
(3032) Total Debt	
(3033) Total Equity	
(3034) Dividends	

No.	lan (Conford Capper estations	PSC surm 441 Spreasontrol and \$3000 Mod Construction, 4043 (1915) Selected
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ANNUAL REPORTING ON ITS OWN BEHALF:

certify that I am an officer of the reporting carrier; my respons recipients; and, to the best of my knowledge, the information r	ibilities include ensuring the accuracy of the annual reporting requirements for universal service support eported on this form and in any attachments is accurate.
Name of Reporting Carrier: CONCORD TEL EXCHANGE	
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/11/2015
Printed name of Authorized Officer: Kevin Hess	
Title or position of Authorized Officer: Executive Vice Pres	ident
Telephone number of Authorized Officer: 6086644160 ext.	
Study Area Code of Reporting Carrier: 290559	Filing Due Date for this form: 07/01/2015

		TA Chambrell Objection of the control of the contro
<010>	Study Area Code	290559
<015>	Study Area Name	CONCORD TEL EXCHANGE
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ANNUAL REPORTS ON THE CARRIER'S BEHALF:

I certify that (Name of Agent)	is authorized to submit the information reported on behalf of the reporting carrier
also certify that I am an officer of the reporting carrier; m agent; and, to the best of my knowledge, the reports and	consibilities include ensuring the accuracy of the annual data reporting requirements provided to the authorized provided to the authorized agent is accurate.
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer:	Date:
Printed name of Authorized Officer:	
Title or position of Authorized Officer:	
Telephone number of Authorized Officer:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent A	Authorized to File Annual Reports for CAF	or LI Recipients on Behalf of Reporting Carrier
I, as agent for the reporting carrier, certify that I am author the data reported herein based on data provided by the r		ervice support recipients on behalf of the reporting carrier; I have provided e, the information reported herein is accurate.
Name of Reporting Carrier:		
Name of Authorized Agent or Employee of Agent:		
Signature of Authorized Agent or Employee of Agent:		Date:
Printed name of Authorized Agent or Employee of Agent:		
Title or position of Authorized Agent or Employee of Agent		
Telephone number of Authorized Agent or Employee of Age	ent:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form	!

Attachments

State: TENNESSEE

Study Area:

290559

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

As an Incumbent Local Exchange Carrier (ILEC) and Eligible Telecommunications Carrier (ETC), Concord has been providing ubiquitous, high-quality voice telecommunications services in its study area for many years. To accomplish and maintain this service level, Concord has made significant historical investment to deploy, operate, and maintain an integrated, highly-reliable network. In addition to its own capital spending, Concord draws from the federal Universal Service Fund (USF). Universal service support has been (and continues to be) critical in enabling Concord's services in its rural markets to be reasonably comparable in quality and price to services in more urban markets, as Congress mandated in the Telecommunications Act. Concord draws USF support because the cost of providing voice and data services in its rural study area are substantially higher than those in urban areas, and thus all of the costs cannot be recovered solely from Concord's customers while maintaining reasonably comparable prices. Concord has made investments to bring high speed data services to its customers when the level of customer revenues and universal service support has made it financially viable to do so.

For Concord, federal high cost support is used to help offset ongoing network costs, but the monies received cover only a portion of the cost of updating and operating the network. In 2014, Concord received \$4,561,700 in USF support while incurring in operating expenses and investing in new plant. The attached Schedule A contains a list of specific network improvement projects that were completed in 2014 at the wire center level. Where these projects related to specific DSAs within the wire center, it is so indicated and can be cross-referenced to the exchange map attached as Exhibit 1. As evidenced by these support and expenditure numbers provided for the current reporting year, the universal service support that Concord receives covers only a fraction of its cost to provide service. Continued receipt of USF support is vital to helping Concord maintain reasonably comparable rates for local exchange service; and to incrementally upgrade its telecommunications facilities and equipment to help meet evolving service requirements and maintain high quality service.

Because USF funding support is modest compared to Concord's ongoing network operating expense, the spending of USF support money is primarily focused on repair, maintenance and incremental upgrades to maintain existing service levels rather than further expansion of broadband services deeper into the

State: TENNESSEE

Study Area:

290559

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

network. Given the current level of customer revenues, the level of universal support, and the technology available today, the additional costs associated with expanding broadband services to unserved portions of the study area, or increasing speeds to already served portions of the study area, far exceed Concord's financial ability to make such investments.

The telecommunications industry continues to change rapidly and significantly as a result of the unprecedented pace of technological advances, increasing customer needs and ongoing regulatory reforms. The level of uncertainty brought about by these factors make long-range network planning a difficult task. By necessity, significant capital investment in network upgrades is cyclical. Capital expenditures in one year are typically followed by a number of years of maintenance of the network to allow time for recovery and return on the investment before the next upgrade is undertaken.

Rapid and significant changes in technology are expected to continue to occur in the telecommunications industry over the next five years. Concord believes that its existing network architecture will enable it to incorporate many of these technological changes efficiently, but expects that such changes will also shorten product lifecycles and drive an increase in the rate of obsolescence experienced with existing network equipment. However, having the capability to evolve and being able to afford the cost to evolve, are both necessary to support the capital expenditure.

In an attempt to deliver products similar to those available in more urban areas, telecom companies, like Concord are under growing pressure to provide access to services and applications that are driving enormous growth in customer demand for bandwidth. Absent predictable and sufficient universal service support for broadband services, Concord will be unable to meet this growing demand.

In addition, Concord also faces significant regulatory uncertainty at this time. The FCC 's Transformation Order and subsequent orders on reconsideration have put universal service revenue in a state of flux. Forecasting universal service revenues and developing long-range, detailed network plans that depend on those revenues has become all but impossible. While the FCC Transformation Order adopted a

State: TENNESSEE

Study Area:

290559

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

number of comprehensive reforms to the universal service and intercarrier compensation mechanisms, it also left open the long term framework for universal service. Presently there are multiple plans in front of the FCC proposing new and different frameworks. While some plans provide for continued support under a rate of return (ROR) regime, others propose an optional plan to move in the direction of support based on a model which predicts the costs of a forward looking fiber to the home network. The details of these plans radically differ from one another, and the FCC has given little indication of which of these plans it will move towards. It is also possible that universal service reform for ROR companies will not be resolved in the near term, and that the current mechanisms will continue to struggle along. Given this backdrop, predicting next year's federal universal service amounts, let alone those for the next five years, is tenuous at best.

The most conservative approach would be to utilize status quo whereby we forecast based on past revenues. Yet even this approach is uncertain at best. For example, even under the "status quo" assumption, the FCC is considering (1) represcribing the authorized interstate rate-of-return, possibly to a level lower than the current 11.25%; (2) eliminating high cost support in areas where there is an unsubsidized competitor offering service to less than 100% of customers; (3) limiting the recovery of Interstate Common Line Support (ICLS); and (4) lowering originating switched access rates similar to terminating rates. Having all these unknowns on the planning horizon (most, if not all of which could have a negative impact on Concord's level of support) make it near impossible to predict to what extent Concord can rely on universal service support at historic levels for continued aid in supporting its network. Any future rulemaking that results from these proposals could have significant impacts on the future network plans of Concord.

Given all of the uncertainty surrounding the industry, and the need for Concord to allocate scarce resources, invest prudently, and operate efficiently, long range predictive forecasting at any level of granularity is difficult and subject to revision as new information becomes known. Also, the speculative nature of planning in this type of environment hinders Concord's ability to effectively develop long-term network build out plans based on projected future USF support.

State: TENNESSEE

Study Area:

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The attached Schedule B summarizes Concord's USF received in 2014 and projected expenditures for 2015 – 2019. The projected 5-year period is based upon historical spending data, which, given the many unknown factors, may have limited value in predicting future network needs and may vary widely from actual spending incurred in the forecasted years, and thus should be treated with that in mind.

The content, timing, and specific geographic locations of projects that will be undertaken in the next five years, is unknown at this time. The selection of future projects will be based on the evaluation of many factors, including current consumer demand, limited capital resources and estimated amounts of universal service support. These and other external factors are not within Concord's control and are subject to change. Such changes may affect the assumptions and calculations regarding the optimal improvements to network facilities required to provide high-quality advanced services to Concord's customers.

With full recognition of the difficulty in predicting exact locations, specific projects or levels of expenditures, Concord commits to utilize available universal service support to help maintain and improve network quality, and if feasible, deploy advanced technologies and new services, expand coverage and improve broadband speeds for its customers.

Concord Telephone Exchange, Inc. dba TDS Telecom

State: TENNESSEE Study Area: 290559

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

2014 Capital Expenditures				
Exchange	DSA	DSA Population	Description	Expenditure
CONCORD	Customer specific	#N/A		de de la companya del companya de la companya del companya de la c
	Customer specific	#N/A		
	Customer specific	#N/A		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	Customer specific	4,443		
	Customer specific	4,443		
	Customer specific Customer specific	4,443 4,443		
		4,443		
	Customer specific	4,443		
	Customer specific Customer specific	4,443		
	Customer specific	4,443		
	Customer specific	4,443		
	Customer specific	4,443		
	Customer specific	4,443		
	Customer specific	4,443		
	Customer specific	4,443		
	17800	4,443		
	17800	4,443		
	17800	4,443		
	17805	1,441		
	17806	1,960		
	17807	1,698		
	17809	3,283		
	17809	3,283		
	17809	3,283		
	17809	3,283		
	17809	3,283		
	17809	3,283		
	17809	3,283		
	17809	3,283		
	Customer specific	#N/A		
	17815	2,705		
	17815	2,705		
	Customer specific	2,705		
	Customer specific	2,705		
	17816	3,811		
	17816	3,811		
	17816	3,811		
	17816	3,811		
	17816	3,811		
	17816	3,811		
	17817	1,164		
	17818	555		
	17819	2,456		
	17819	2,456		
	17819	2,456		
	17823	1,745		
	17827	396		
	17830	2,352		

Schedule A

Concord Telephone Exchange, Inc. dba TDS Telecom

State: TENNESSEE Study Area: 290559

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

		DSA		
kchange	DSA		Description	Expendi
	17830	2,352		
	17830	2,352		
	17830	2,352		
	17830	2,352		
	17830	2,352		
	17830	2,352		
	17831	1,145		
	17831	1,145		
	17831	1,145		
	17835	2,225		
	17835	2,225		
	17835	2,225		
	17835	2,225		
	Customer specific	2,225		
	17836 17836	4,484 4,484		
	17836	4,484		
	17836	4,484		
	17836	4,484		
	17836	4,484		
	17836	4,484		
	17836	4,484		
	17836	4,484		
	17836	4,484		
	17837	2,168		
	17837	2,168		
	17837	2,168		
	17837	2,168		
	17837	2,168		
	Customer specific	2,168		
	Customer specific	2,168		
	17839	71		
	17839	71		
	17839	71		
	17840	283		
	17840 17840	283		
	17840	283 283		
	17840	283		
	178EK	#N/A		
	178GB	#N/A		
	178GF	#N/A		
	178JA	#N/A		
	Customer specific	#N/A		
	Customer specific	4,868		
	Various	#N/A		
	none	#N/A		
	Various	#N/A		
	Various	#N/A		
	Various	#N/A		
	none	#N/A		
y	Various	#N/A		
	none	#N/A		
	none	#N/A		
II EVCHANCES	Various	#N/A		
LL EXCHANGES	All Exchanges	#N/A		
	All Exchanges All Exchanges	#N/A #N/A		
	All Exchanges	#N/A		
	All Exchanges	#N/A		
	T All Exchanges	1 40/7		

Schedule A

Concord Telephone Exchange, Inc. dba TDS Telecom

State: TENNESSEE Study Area: 290559

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

2014 Capital Expenditures

Exchange	DSA	DSA Population	Description	Expenditure
	All Exchanges	#N/A		

Schedule A

Schedule B

Concord Telephone Exchange, Inc. (SAC 290559)

Line 100 - Service Quality Improvement Reporting

Rule 54.202(a)(1) and 54.313(a)(1)

USF Received in 2014

High Cost Loop Support	\$ 1,252,615
ICLS Support	\$ 2,441,808
Safety Net Additive	\$
Safety Value Additive	
CAF	\$ 867,307
TOTAL	\$ 4,561,730

Five-Year Plan

	2015	2016	2017	2018	2019
Operating Expenses	\$				
Capital Expenditures	s				

CONCORD TEL. CO., TN Exhibit 1

Broadband Status





DLC LOCATION | DSA

- Existing
- Proposed | Future **Broadband Enabled** No DSL

OTHER FEATURES

- Exchange Boundary
- --- Existing TDS Fiber



TDS Telecom Network Services | OSP Records | Date: 5/1/2015





(200) Service Outage Reporting (Voice) Data Collection Form									FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013			
<010> 5	Study Area Code						290559					
<015> \$	Study Area Nam	e					CONCORD TE	L EXCHANGE				
<020> F	Program Year						2016					
	Contact Name -	Person US	AC should cont	act regardi	ng this data		Bruce Schi					
	Contact Telepho					116 <020>	6086645455	ext.				
	Contact Email Ac	ddress - Em	nail Address of	person ide	ntified in data l	ine <030>	bruce.schi	efelbein@tdstelecom.com				
<220>			1.0		70074000						F	
<a>	<b1></b1>	<b2></b2>	<b3></b3>	<b4></b4>	<c1></c1>	<c2></c2>	<d></d>	<e></e>	<f>Did This Outage</f>	<g></g>	<h>></h>	
NORS]	Outage		Outage	Number of	Total	Facilities	Service Outage	Affect Multiple			
Reference Number	Outage Stark		Outage End	End	Customers	Number of	Affected	Description (Check	Study Areas	Service Outage	Preventative	
reamber	Date	Time	Date	Time	Affected	Customers	(Yes / No)	all that apply)	(Yes / No)	Resolution	Procedures	
						29						